



Attorney Docket No. 1826.1183

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Rainer HAINBERGER et al.

Application No.: 10/596,602

Group Art Unit:

Filed: June 19, 2006

Examiner:

For: ADAPTIVE POLARIZATION ADJUSTMENT APPARATUS FOR CONTROLLING  
POLARIZATION OF LIGHT INPUTTED TO POLARIZATION-MAINTAINING  
WAVEGUIDE COMPONENTS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure provisions of 37 CFR § 1.56, there is hereby provided certain information which the Examiner may consider material to the examination of the subject U.S. patent application. It is requested that the Examiner make this information of record if it is deemed material to the examination of the subject application.

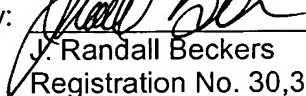
1. Enclosures accompanying this Information Disclosure Statement are:
  - 1a. ☒ Form PTO-1449.
  - 1b. ☒ Copy(ies) of IDS citation(s), except for U.S. Patents and U.S. Patent Application publications.
  - 1c. ☒ English language copy of a communication(s) from a foreign Patent Office or a PCT International Search Report.
  - 1d. ☐ English language translation (complete, Abstract or relevant portion(s)) attached to non-English language publications as indicated on the attached Form PTO-1449.
  - 1e. ☐ Explanations of Relevancy of References (ATTACHMENT 1(e), hereto) for providing a concise explanation of non-English publications.
  - 1f. ☐ List of Copending Applications (ATTACHMENT 1(f), hereto).
  - 1g. ☐ List of Additional Submitted Documents (ATTACHMENT 1(g), hereto).
2. ☐ In accordance with 37 CFR § 1.98, a concise explanation of what is presently understood to be the relevance of each non-English language publication is  
  
(Check appropriate Items 2a, 2b, 2c and/or 2d)
  - 2a. ☐ satisfied for the non-English language publication(s) cited on the enclosed "English language version of the search report or action which indicates the degree of relevance found by the foreign office". (See MPEP § 609, Minimum Requirements for an Information Disclosure Statement, Part A(3):

- Concise Explanation of Relevance, 8th Ed., Rev. 2)
- 2b. ☐ set forth in the application.
- 2c. ☐ satisfied for the non-English language publication(s) indicated on the attached PTO-1449 as having an English language translation (complete or relevant portion(s)) attached thereto.
- 2d. ☐ enclosed as Attachment 1(e), hereto.
3. No admission is made that the information cited in this Statement is, or is considered to be, material to patentability nor a representation that a search has been made (other than search report(s) from a counterpart foreign application or a PCT International Search Report, if submitted herewith). 37 CFR §§ 1.97(g) and (h).

Respectfully submitted,

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FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY DOCKET NO. <b>1826.1183</b>	APPLICATION NO. <b>10/596,602</b>
<b>INFORMATION DISCLOSURE STATEMENT</b> <i>(Use several sheets if necessary)</i>		FIRST NAMED INVENTOR <b>Rainer HAINBERGER et al.</b>	
		FILING DATE <b>June 19, 2006</b>	GROUP ART UNIT

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
AA	2002/0191265	12/19/2002	LaGasse et al.			
AB	2002/0176080	11/28/2002	Iwata			
AC						
AD						
AE						
AF						

### FOREIGN PATENT DOCUMENTS

DOCUMENT NO.	DATE	COUNTRY	TRANSLATION YES NO	ABSTRACT
AG 2-24636	01/26/1990	Japan		Yes
AH 2001-356378	12/26/2001	Japan		Yes
AI				
AJ				
AK				

### OTHER REFERENCES (INCLUDING AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.)

TRANSLATION YES NO	YES	NO
AL	H. Bissessur et al., "Extremely Small Polarization Independent Phased-Array Demultiplexers on InP", IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 8, No. 4, April 1996, Pages 554-556.	
AM	N. Mekada et al., "Polarization Independent, Linear-Tuned Interference Filter with Constant Transmission Characteristics Over 1530-1570-nm Tuning Range", IEEE PHOTONICS TECHNOLOGY LETTERS, Vol. 9, No. 6, June 1997, Pages 782-784.	
AN	Ivan P. KAMINOW et al., "Optical Fiber Telecommunications IIIB", Lucent Technologies, 1997, Pages 362-363.	

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.